



## Gulf of Mexico Harmful Algal Bloom Bulletin

10 September 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: September 10, 2007

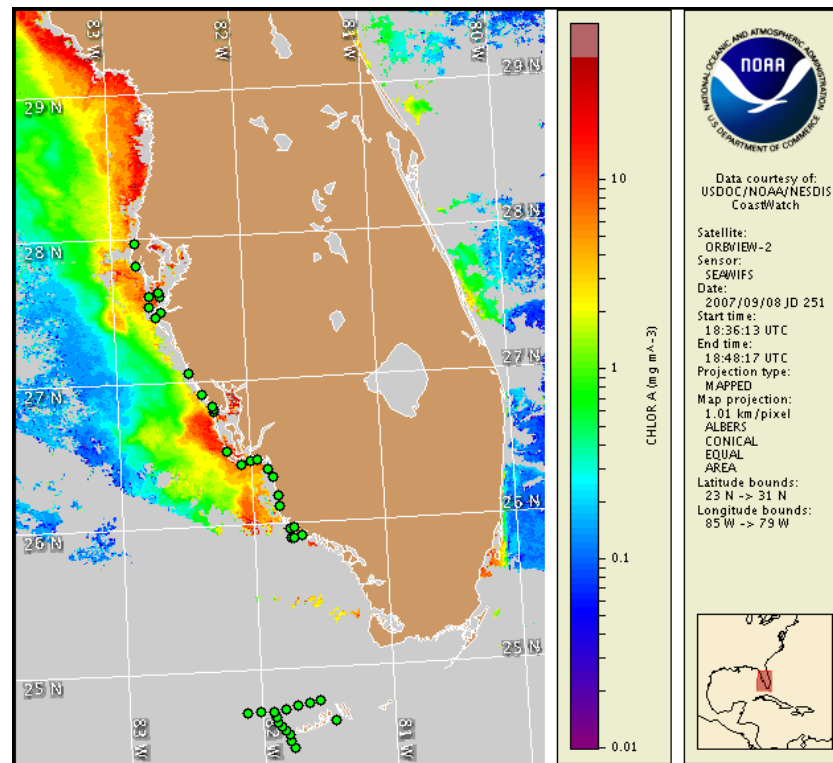
### Conditions Report

There is currently no indication of harmful algal bloom presence along the coast of Southwest Florida. No impacts are expected in any Florida counties today through Sunday September 16.

### Analysis

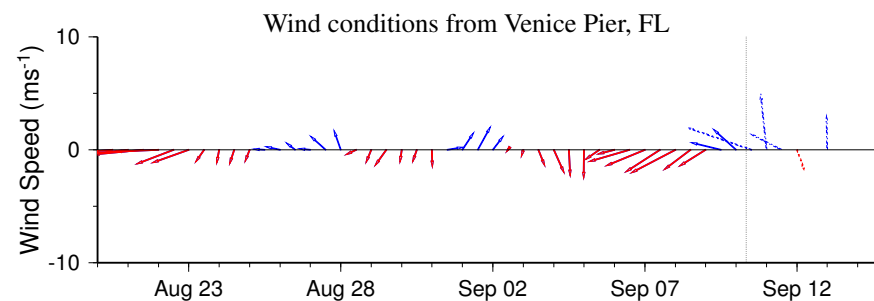
Recent sampling results continue to confirm that *K.brevis* is not present along the southwest Florida coast. Chlorophyll concentrations remain elevated from Pinellas to Manatee County and from southern Charlotte to northern Monroe County in patches. Discolored water was reported offshore of Pinellas county this past Friday (9/7), due to non-harmful algae. Continued sampling is recommended. Mild and variable winds throughout the week will minimize the potential for *K. brevis* formation at the coast.

~Keller, Fisher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from September 4 to 6 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

[http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

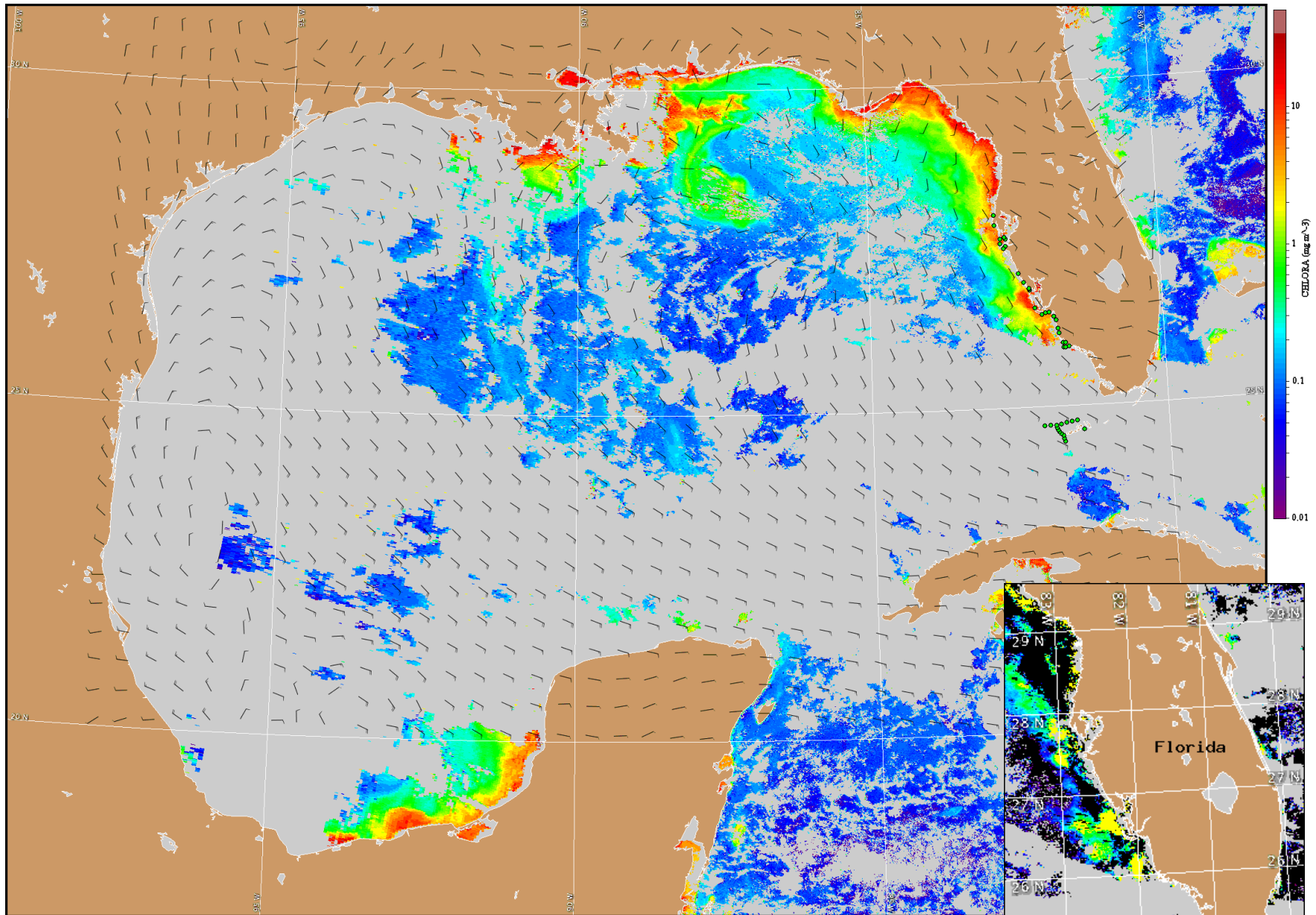


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: Rotating southeasterly to southwesterly winds today through Wednesday (5-10 knots; 3-5 m/s). Variable winds Wednesday evening through Friday, becoming onshore both Thursday and Friday (5-10 knots; 3-5 m/s).

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for September 11, 2007 12Z with Cell concentration sampling data from September 4 to 6 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).